

RESPONSE TO OFFICE ACTION

Serial No. 09/758,249

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AMENDMENTS TO CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A method of configuring customer premises equipment, comprising:

providing a mobile computer having a first interface for allowing a user to enter:

a) identification information for customer premises equipment for configuration and b)
configuration data for the customer premises equipment and a second interface for
communication with the customer premises equipment; and

coupling the customer premises equipment to the second interface;

~~wherein the mobile computer automatically configures~~ configuring the customer
premises equipment through the second interface based on the configuration data and
the identification information; and

synchronizing configuration data applied to said customer premises equipment
from the mobile computer with previous configuration data stored in a database.

2. (Original) The method according to claim 1, wherein the configuration data includes WAN IP data.

3. (Original) The method according to claim 2, wherein the configuration data includes a LAN IP data.

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4. (Original) The method according to claim 2, wherein the WAN IP data includes an ISP router WAN IP address.
5. (Original) The method according to claim 4, wherein the WAN IP data further includes a WAN IP CPE address.
6. (Original) The method according to claim 5, wherein the WAN IP data further includes a WAN Subnet Mask.
7. (Original) The method according to claim 6, wherein the WAN IP data further includes DLCI data.
8. (Original) The method according to claim 1, further comprising:
coupling the customer premises equipment to a communications network; and
issuing a ping command for execution by the customer premises equipment through the second interface.
9. (Original) The method according to claim 1, further comprising:
downloading the configuration data to the mobile computer from a remote server.
10. (Original) The method according to claim 9, wherein the downloading is performed based on an order number.

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11. (Original) The method according to claim 9, further comprising uploading configuration results to the remote server.
12. (Currently Amended) A method of configuring customer premises equipment, comprising:

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receiving a discover packet from customer premises equipment over a communications line coupled to a DSLAM including a DHCP server for determining WAN IP data;
transmitting WAN IP data over the communications line to the CPE;
retrieving LAN IP data based on an address of the communication line;
transmitting the LAN IP data over the communications line to the CPE; and
wherein the CPE is configured based on the received WAN IP and LAN IP data.

- ~~✓~~ 13. (Cancelled)
~~✓~~ 14. (Cancelled)

15. (Currently Amended) A computer program product for causing a computer to configure customer premises equipment comprising a computer useable medium having computer program logic stored therein wherein the computer program logic comprises:

interface means for causing the computer to provide a first interface for allowing a user to enter: a) identification information for customer premises equipment for configuration and b) configuration data for the customer premises equipment and a

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second interface for communication with the customer premises equipment; and
configuring means for causing the computer to automatically configure the
customer premises equipment through the second interface based on the configuration
data and the identification information; and
synchronization means for synchronizing configuration data applied to said
customer premises equipment from the mobile computer with previous configuration
data stored in a database.

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16. (Original) The computer program product according to claim 15, wherein the configuration data includes WAN IP data.
17. (Original) The computer program product according to claim 2, wherein the configuration data includes a LAN IP data.
18. (Original) The computer program product according to claim 16, wherein the WAN IP data includes an ISP router WAN IP address.
19. (Original) The computer program product according to claim 18, wherein the WAN IP data further includes a WAN IP CPE address.
20. (Original) The computer program product according to claim 19, wherein the WAN IP data further includes a WAN Subnet Mask.

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21. (Original) The computer program product according to claim 20, wherein the WAN IP data further includes DLCI data.

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IN THE TITLE

Please amend the Title as follows:

Q2

METHOD AND APPARATUS FOR EFFICIENTLY CONFIGURING CUSTOMER
PREMESIS PREMISES EQUIPMENT